

Converting Colors

$Yxy(91.9557, 0.3523, 0.3959)$

Have a look what the booklet for
Yxy(91.9557, 0.3523, 0.3959)
contains.

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Color

Yxy(91.9298, 0.3526, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	F9FAB7
RGB	249, 250, 183
RGB Percent	98%, 98%, 72%
CMY	0.0237, 0.0195, 0.2822
CMYK	0.00, 0.00, 0.27, 0.02
HSL	61°, 87%, 85%
HSV	61°, 27%, 98%
XYZ	81.7927, 91.9298, 58.2477
YIQ	242.0630, 20.9110, -21.0490

Conversions

Conversions Part 2

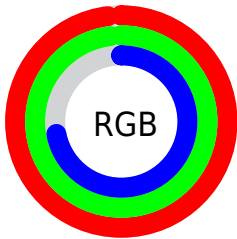
Format	Color
RYB	183, 250, 184
Decimal	16382647
CIELab	96.79, -10.59, 32.11
CIELCh	97, 33.811, 108.244
Yxy	91.9298, 0.3526, 0.3963
Android (android.graphics.Color)	4294572727 (0xFFFF9FAB7)
YUV	242.0630, -29.1181, 6.0837
Hunter-Lab	95.8800, -15.5165, 31.0970

Details

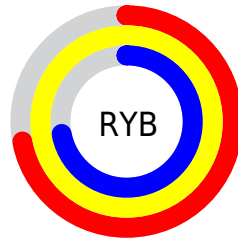
The Yxy color **91.9298, 0.3526, 0.3963** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.9822, 0.2667, 0.2519**, and the grayscale version is **89.0685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **51.3750, 0.3609, 0.4121** is the 20% darker color. If you saturate the color by 10%, you get **90.9115, 0.3672, 0.4210**, and if you desaturate by 10%, it is **93.1414, 0.3376, 0.3709**.

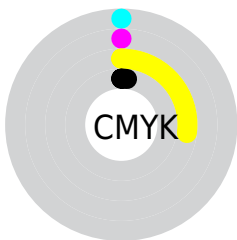
Distribution



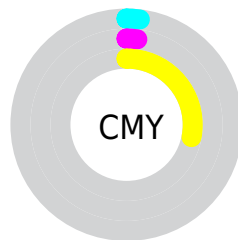
- Red (98%)
- Green (98%)
- Blue (72%)



- Red (72%)
- Yellow (98%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9298, 0.3526, 0.3963 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.9298, 0.3526, 0.3963 by changing the saturation by 10% instead.


 91.9298, 0.3526,
0.3963

 91.9298, 0.3526,
0.3963

534.2886, 0.3354,
0.3660

 69.5823, 0.3562,
0.4029


 150.0161, 0.3469,
0.3860

 51.1861, 0.3605,
0.4110


186.5237, 0.3446,
0.3819

 36.3567, 0.3656,
0.4210

228.5201, 0.3426,
0.3784

 24.7098, 0.3718,
0.4336

276.3898, 0.3408,
0.3753

 15.8610, 0.3795,
0.4500

330.5171, 0.3393,
0.3726

 9.4259, 0.3888,
0.4719


391.2864, 0.3378,


 5.0200, 0.3996,


0.3702


459.0821, 0.3366,
0.3680


0.5020


 2.2590, 0.4294,
0.5706


 0.7519, 0.3776,
0.6224


 91.9298, 0.3526,
0.3963


 91.9298, 0.3526,
0.3963

 90.9115, 0.3672,
0.4210


 93.1414, 0.3376,
0.3709


 90.0643, 0.3807,
0.4441


 94.5431, 0.3226,
0.3457

 89.3818, 0.3926,
0.4646


 95.9504, 0.3099,
0.3242

 88.8520, 0.4024,
0.4815


 96.0229, 0.3101,
0.3242


 88.4615, 0.4096,
0.4942


 96.0956, 0.3104,
0.3242

 88.1946, 0.4141,
0.5025

 96.1684, 0.3106,
0.3242

 88.0312, 0.4162,
0.5066

 96.2413, 0.3109,
0.3242

 87.9909, 0.4166,
0.5074

 96.3144, 0.3111,
0.3242

 96.3877, 0.3114,
0.3242

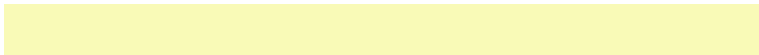
Harmonies

Analogous

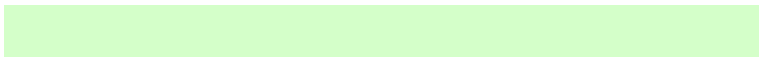
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9298, 0.3794, 0.3826



91.9298, 0.3526, 0.3963



91.9298, 0.3161, 0.3902

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9298, 0.3526, 0.3963



91.9298, 0.2429, 0.2946



91.9298, 0.3440, 0.2970

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91.9298, 0.3526, 0.3963



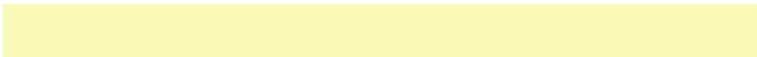
50.9822, 0.2667, 0.2519

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9298, 0.3057, 0.2763



91.9298, 0.3526, 0.3963



91.9298, 0.2491, 0.2736

Square

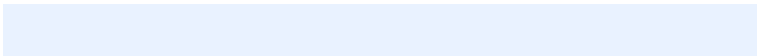
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.9298, 0.3526, 0.3963



91.9298, 0.2538, 0.3278



91.9298, 0.2714, 0.2677



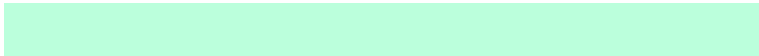
91.9298, 0.3748, 0.3255

Rectangle

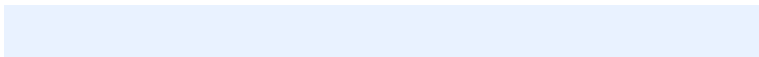
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.9298, 0.3526, 0.3963



91.9298, 0.2914, 0.3746



91.9298, 0.2714, 0.2677



91.9298, 0.3314, 0.2890

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91.9339, 0.3526, 0.3963



98.6945, 0.3244, 0.3487



57.6259, 0.3708, 0.3292



21.0754, 0.3267, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

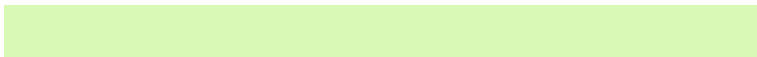
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9339, 0.3526, 0.3963



95.5709, 0.3603, 0.4094



86.4791, 0.3305, 0.4014



20.1761, 0.3266, 0.3524



46.6732, 0.4166, 0.5074



4.3271, 0.4169, 0.5071

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.9822, 0.2667, 0.2519



46.3376, 0.2561, 0.2342



55.4607, 0.2902, 0.2568



16.6560, 0.2981, 0.3045



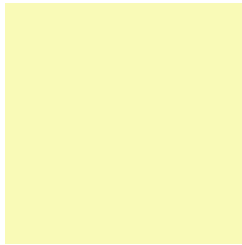
3.6802, 0.1505, 0.0603



0.3453, 0.1516, 0.0609

Previews

White Background



This preview shows how the Yxy color 91.9298, 0.3526, 0.3963 looks on a white background.

Color Contrast Check

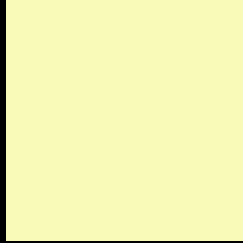
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.9298, 0.3526, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

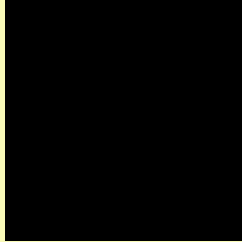
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9298, 0.3526, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 91.9298, 0.3526, 0.3963.

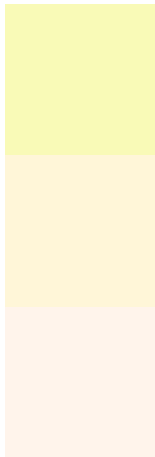


This preview shows how white text looks on a background with the Yxy color 91.9298, 0.3526, 0.3963.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.9298, 0.3526, 0.3963

Protanopia

92.1294, 0.3371, 0.3586

Deuteranopia

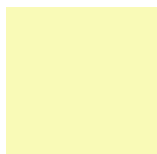
91.9595, 0.3254, 0.3378



Tritanopia

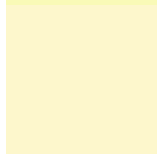
91.9843, 0.3133, 0.3165

Trichromacy



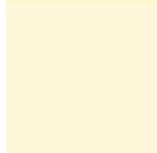
Original Color

91.9298, 0.3526, 0.3963



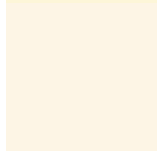
Protanomaly

91.7638, 0.3431, 0.3718



Deuteranomaly

91.7520, 0.3357, 0.3587



Tritanomaly

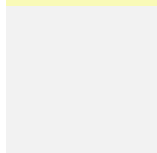
91.8446, 0.3277, 0.3448

Monochromacy



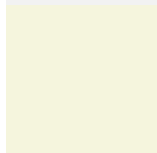
Original Color

91.9298, 0.3526, 0.3963



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

89.9378, 0.3273, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9298, 0.3526, 0.3963 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(249, 250, 183)` looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 183)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(249, 250, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 183) }
```

Border

The CSS property to change the border of an element to Yxy 91.9298, 0.3526, 0.3963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 250, 183) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(249, 250, 183) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(249, 250, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 183);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9298, 0.3526, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 183) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(249,  
250, 183) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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